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characteristic curve, exposure sensitivity function, histogram, gray values, image, camera ... Search

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### [Brightness control on video cameras - US Patent 6362848](#)

From a gray-scale histogram of this type, further values such as position ... is that the characteristic curve of the function of the cross correlation does ...

[www.patentstorm.us/patents/6362848-description.html](http://www.patentstorm.us/patents/6362848-description.html) - [Similar pages](#)

### [Controlling method and apparatus for an electronic camera - US ...](#)

8 is a luminance histogram under exposure amount conditions for photographing ...

Namely, with regard to a gradation characteristic curve, the standard ...

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### [Method for adjusting an image sensor - Patent 20060228024](#)

The optimal characteristic curve of the exposure sensitivity is determined from the histogram of the gray values of at least one image as a function of ...

[www.freepatentsonline.com/y2006/0228024.html](http://www.freepatentsonline.com/y2006/0228024.html) - [Similar pages](#)

by M Franz - 2006 - [All 5 versions](#)

### [Digital Tones and Exposure Zones](#)

The following figure shows gray scale zones and their values on the top. .... This is the image used to form the camera's histogram. ...

[www.rags-int-inc.com/PhotoTechStuff/TonesnZones/](http://www.rags-int-inc.com/PhotoTechStuff/TonesnZones/) - 28k - [Cached](#) - [Similar pages](#)

### [\[PDF\] Destriping LANDSAT MSS images by Histogram Modification](#)

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sensitivity, resolution, and gain or transfer function are the same for all ..... appropriate fashion, the histogram of gray levels in the destriped image ...

[people.csail.mit.edu/bkph/papers/Destriping.pdf](http://people.csail.mit.edu/bkph/papers/Destriping.pdf) - [Similar pages](#)

by BKP HORN - [Cited by 46](#) - [Related articles](#) - [All 3 versions](#)

### [Dept of Medical Physics & Bioengineering](#)

Film dosimetry: characteristic curves, effects of screens and filtration. ... Sychophysical factors: Threshold contrast; contrast sensitivity function. ...

[www.medphys.ucl.ac.uk/teaching/postgrad/taught/msc/indsyll.htm](http://www.medphys.ucl.ac.uk/teaching/postgrad/taught/msc/indsyll.htm) - 67k -

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### [A simplified zone system for making good exposures](#)

For digital, you can make a test exposure, then look at the histogram to be sure .... This is the characteristic curve for Ektachrome 100VS slide film— ...

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Camera Control. \* . : •Exposure time adjustment. Manual adjustment, exposure time measurement, automatic mode. •Gray value scaling ...

[www.zeiss.com/C12567BE00472A5C/EmbedTitelIntern/AxioVision-TechnicalDatae/](http://www.zeiss.com/C12567BE00472A5C/EmbedTitelIntern/AxioVision-TechnicalDatae/)

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### [Histogram-equalization-based Adaptive Image Sensor For Real-time ...](#)

Image histogram equalization is an automatic gray level. correction method which in many ..... two histogram curves proves the invariance of this adaptive ...

[ieeexplore.ieee.org/iel1/4/13087/00597293.pdf](http://ieeexplore.ieee.org/iel1/4/13087/00597293.pdf) - Similar pages

by Y NI - 1997 - Cited by 33 - Related articles - All 6 versions

### Creation of HDR Images in CinePaint

At the moment reading of EXIF-data (aperture, exposure time, sensitivity, . .... will happen at any time: If it is gray, only the HDR image will be created; ...

[www.cinepaint.org/docs/br2hdr/HDR\\_Tutorial-en.html](http://www.cinepaint.org/docs/br2hdr/HDR_Tutorial-en.html) - 33k - Cached - Similar pages

### Prosilica GLOSSary of Machine Vision Terms - Gigabit Ethernet ...

A 12-bit camera would represent images in 4096 shades of grey. Histogram: A ... The histogram curve represents how many pixels of each luminence value. ...

[www.prosilica.com/support/glossary.htm](http://www.prosilica.com/support/glossary.htm) - 34k - Cached - Similar pages

### Imatest - Image quality factors

Characteristic curve for Capture One LE with Film Curve ... Exposure accuracy can be measured by photographing a gray scale step chart such as the Kodak ...

[www.imatest.com/docs/iqf.html](http://www.imatest.com/docs/iqf.html) - 62k - Cached - Similar pages

### Hamamatsu Learning Center: Introduction to Digital Imaging in ...

Grey-level or image histograms provide a variety of useful information about ... involved in creating an image with a CCD camera include: exposure of the ...

[learn.hamamatsu.com/articles/microscopyimaging.html](http://learn.hamamatsu.com/articles/microscopyimaging.html) - 55k - Cached - Similar pages

### [PDF] IAPRS, Vol. XXXIII, Amsterdam, 2000 ENHANCEMENT OF THE RADIOMETRIC ...

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gray values vs. density for the three color channels of an AGFA H100 color ... on the variation of the characteristics of the curves is clearly visible in ...

<ftp://igpho.ethz.ch/pub/manos/papers/neumann.pdf> - Similar pages

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### [PDF] Appendix for Digital Image Acquisition and Display

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exposure. Digital images require each pixel to be assigned a unique value (quantized), so that a. unique gray shade is assigned to that pixel. ...

[https://www.asrt.org/media/pdf/foreducators/ed\\_curr\\_radappendix.pdf](https://www.asrt.org/media/pdf/foreducators/ed_curr_radappendix.pdf) - Similar pages

### Creation of HDR Images in CinePaint

The task is, for given z-values of an exposure bracketing and known exposure ... of a camera (within a color channel) have identical response functions. ...

[freenet-homepage.de/hsbosny/HDR\\_Tutorial/HDR\\_Tutorial-en.html](http://freenet-homepage.de/hsbosny/HDR_Tutorial/HDR_Tutorial-en.html) - 31k -

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### How can I improve contrast of photos at the time they are taken ...

Dec 12, 2007 ... If you think in terms of the histogram of the image, .... Do different films at a given speed have different contrast curve characteristics? ...

[ask.metafilter.com/78470/How-can-I-improve-contrast-of-photos-at-the-time-they-are-taken-without-resortin...](http://ask.metafilter.com/78470/How-can-I-improve-contrast-of-photos-at-the-time-they-are-taken-without-resortin...) - 45k - [Cached](#) - [Similar pages](#)

### [PDF] Gray Calibration Experiment

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luminosity histogram function. Figure 2 is an example of a gray patch .... STEP 10: Using Camera #1, set at the exposure value of 1.0 EV, Field, the highest ...

[ftp://sequoyah.nist.gov/pub/nist\\_internal\\_reports/ir\\_6322.pdf](ftp://sequoyah.nist.gov/pub/nist_internal_reports/ir_6322.pdf) - Similar pages

by M Rubinfeld - Cited by 1 - Related articles - All 2 versions

### Optics & Laser Technology : Research on temperature distribution ...

With inverse function  $g$  and exposure time, we can compute the corresponding irradiance values of any correctly exposed image. However, due to the image ...

[linkinghub.elsevier.com/retrieve/pii/S0030399206002337](http://linkinghub.elsevier.com/retrieve/pii/S0030399206002337) - [Similar pages](#)

by H Zhao - 2007 - [Related articles](#) - [All 4 versions](#)

### Nikon D70 Digital Camera Review: Exposure

When reviewing images on the LCD monitor, you can call up a histogram and a highlight function to give you a complete readout on the exposure. ...

[www.imaging-resource.com/PRODS/D70/D70A7.HTM](http://www.imaging-resource.com/PRODS/D70/D70A7.HTM) - 51k - [Cached](#) - [Similar pages](#)

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